

SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Asada et al. Attorney Docket: 1118/191
Serial No: 10/734,732 Art Group Unit: 3736
Date Filed: December 12, 2003 Examiner Name: N/A
Invention: Vibratory Venous and Arterial Oximetry Sensor

**LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE STATEMENT**

United States Patent Documents

Examiner Initials	Reference Number	Document Number	Patent Issue Date or Application Publication Date	Inventor(s)
m/c	BT	US 2002/069381	Nov. 14, 2002	Asada et al.

Matthew Keene 4/11/2005



SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Asada et al. Attorney Docket: 1118/191
Serial No: 10/734,732 Art Group Unit: N/A
Date Filed: December 12, 2003 Examiner Name: N/A
Invention: Vibratory Venous and Arterial Oximetry Sensor

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE STATEMENT

United States Patent Documents

Examiner Initials	Reference Number	Document Number	Issue Date	Inventor	Class/Sub
myk	- AA	3,835,839	Sept. 17, 1974	Brown	128/2.05F
myk	- AB	3,878,502	Apr. 15, 1975	Rochelle	340/5
myk	- AC	3,972,038	July 27, 1976	Fletcher et al.	340/189M
myk	- AD	3,972,320	Aug. 3, 1976	Kalman	128/2.1A
myk	- AE	4,063,410	Dec. 20, 1977	Welling	58/38R
myk	- AF	4,396,906	Aug. 2, 1983	Weaver	340/347D
myk	- AG	4,535,324	Aug. 13, 1985	Levental	340/574
myk	- AH	4,799,062	Jan. 17, 1989	Sanderford, Jr. et al.	342/450
myk	- AI	4,825,872	May 2, 1989	Tan et al.	128/633
myk	- AJ	4,827,943	May 9, 1989	Bornn et al.	128/668
myk	- AK	4,924,450	May 8, 1990	Brashear et al.	367/118
myk	- AL	5,152,296	Oct. 6, 1992	Simons	128/670
myk	- AM	5,285,784	Feb. 15, 1994	Seeker	128/633
myk	- AN	5,297,548	Mar. 29, 1994	Pologe	128/633
myk	- AO	5,309,916	May 10, 1994	Hatschek	128/672

(Information Disclosure Statement--page 4 of 9)

Matthew Kuen 4/11/2005

mk —AP	5,511,546	Apr. 30, 1996	Hon	128/633
mk —AQ	5,638,818	June 17, 1997	Diab et al.	128/653.1
mk —AR	5,661,460	Aug. 26, 1997	Sallen et al.	340/573
mk —AS	5,694,939	Dec. 9, 1997	Cowings	128/671
mk —AT	5,738,102	Apr. 14, 1998	Lemelson	128/671
mk —AU	5,771,001	June 23, 1998	Cobb	340/573
mk —AV	5,964,701	Oct. 12, 1999	Asada et al.	600/300
mk —AW	4,539,997	Sep. 10, 1985	Wesseling et al.	128/167
mk —AX	5,735,800	Apr. 7, 1998	Yasukawa et al.	600/503
mk —AY	5,964,701	Oct. 12, 1999	Asada et al.	600/300
mk —AZ	6,263,222	Jul. 17, 2001	Diab et al.	600/310
mk —BA	6,388,247	May 14, 2002	Asada et al.	250/221

Matthew Kuen 4/11/2005

International Patents

Examiner Initials	Reference Number	Document Number	Issue Date	Inventor	s/Sub
<i>myk</i>	BB	DE 3609 913	Oct. 1, 1987	Ernst	
<i>myk</i>	BC	EP 0 467 853	July 15, 1991	Hatschek	
<i>myk</i>	BD	EP 0706 776	April 17, 1996	Kondo et al.	
<i>myk</i>	BE	EP 0 724 860	Aug. 7, 1996	Hartwig	
<i>myk</i>	BF	FR 2 655 834	June 21, 1991	Collot	
<i>myk</i>	BG	WO 93/16636	Sept. 2, 1993	Myllymaki	
<i>myk</i>	BH	DE 31 50925	June 30, 1983	Honeywell B.V.	
<i>myk</i>	BJ	WO 98/17172	Apr. 30, 1998	Asada et al.	
<i>myk</i>	BK	WO 00/64338	Nov. 2, 2000	Rhee et al.	
<i>myk</i>	BL	WO 01/67946	Sept. 20, 2001	Fine et al.	

Other Documents

Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
<i>myk</i>	BM	Asada et al.	The Ring Sensor: a New Ambulatory Wearable Sensor for Twenty-Four Hour Patient Monitoring, Proceeding of the 20 th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Hong Kong, Oct.29-Nov.1, 1998
<i>myk</i>	BN	Asada et al.	Modeling of Finger Photoplethysmography for Wearable Sensors

Matthew Kren

4/11/2005

mk — BO Asada et al. Artifact-Resistant Power-Efficient Design of Finger-Ring Plethysmographic Sensors, IEEE Transactions on Biomedical Engineering; Vol. 48, No.7, July 2001

mk — BP Kamiya et al. Long-term ambulatory monitoring of indirect arterial blood pressure using a volume-oscillometric method, Med. & Biol. Eng. & Comput. 1985, 23, 459-465

mk — BQ Yamakoshi et al. Current developments in non-invasive measurement of arterial blood pressure, J. Biomed.Eng., vol.10, 129-137, 1988.

mk — BR Beekvelt et al. *Performance of near-infrared spectroscopy in measuring local O₂ consumption and blood flow in skeletal muscle, J. Appl. Physiol.* Vol. 90; pages 511-519. 2001.

mk — BS J.R. Womersley *Oscillatory Flow in Arteries: the Constrained Elastic Tube as a Model of Arterial Flow and Pulse Transmission, Phys. Med. Biol.* 2, pages 178-187, 1957.

Matthias Kerner 4/11/2005